# GOVERNMENT OF INDIA
# AGRICULTURE
# LOK SABHA

UNSTARRED QUESTION NO:2816
ANSWERED ON:10.03.2003
YIELD PER ACRE
ALE NARENDRA;BIR SING MAHATO;HARIBHAI PARTHIBHAI CHAUDHARY

**Will the Minister of AGRICULTURE be pleased to state:**

(a) whether despite taking many measures the rate of yield per acre in India is very low as compared to the rest of the countries in the world;

(b) if so, the details of the yield per acre in India at present in comparison to countries like China, America and Russia alongwith the reasons therefor; and

(c) the measures the Government are taking to increase the yield per acre in India?

## Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

(a): It is true that in respect of some crops, the productivity in India is lower as compared to that of some other countries, but the productivity in India is higher in respect of certain other crops. This will be clear in the annexure enclosed.

(b): The yield per acre in India as compared to China, America and Russiain respect of some important crops are given in the annexure.

The productivity varies a great deal from region to region and country to country because it depends on a number of factors such as condition of soils, facilities of irrigation, duration of the crop (gestation period between sowing and harvesting), quality of seeds, timely application of quality inputs, managerial skills of farmers and availability of credit, etc.

(c): In order to improve production and productivity of agricultural commodities in the country, the Government have launched various initiatives such as promotion of watershed development programmes, emphasis on developing and promoting new technologies, measures for increasing availability of agricultural credit, Market Information Network, NationalAgriculture Insurance Scheme etc. Besides, the Government also encourages farmers to increase production through price policy which includes implementation of Minimum Support Price,procurement by public agencies etc. Apart from these, the Government have also switched over from the conventional schematic approach to macro-management mode from November, 2000 for providing assistance to the States so as to give flexibility to States to address specific problems faced by them depending on local requirements.

ANNEXURE

Yield Rates of some Major Crops in Selected Countries, 1999-2000

(kg/hec)

| Country | Rice | | Wheat | | Total Pulses | | Foodgrains | | Groundnut | | Cotton (Lint) | | Sugarcane | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 |
| World | 3885 | 3895 | 2758 | 2698 | 812 | 770 | 2878 | 2819 | 1361 | 1449 | 554 | 572 | 65288 | 65970 |
| China | 6334 | 6234 | 3947 | 3729 | 1472 | 1477 | 4831 | 4792 | 2959 | 3329 | 1028 | 1080 | 74960 | 70843 |
| USA | 6575 | 7037 | 2873 | 2820 | 1981 | 1879 | 5674 | 5810 | 2989 | 2801 | 680 | 707 | 79662 | 78570 |
| Russia | 2736 | 2503 | 1569 | 1804 | 973 | 962 | 1442 | 1595 | - | - | - | - | - | - |
| India | 2966 | 3008 | 2583 | 2777 | 628 | 564 | 1976 | 2026 | 833 | 859 | 229 | 229 | 72122 | 75024 |